

Table U-27.
Sediment-Dwelling Invertebrate Tier 1 Risk Description Summary

CPEC ¹	Study Areas								
	ASP	P13	P18	PA5	RCF	NDR ²	ADR ²	UCD ²	LCD ²
Cadmium	PRA	NHQ < 1	PRA	PRA	LHQ	LHQ	NHQ < 1	LHQ	LHQ; BKG
Chromium	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Copper	LHQ	NHQ < 1	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Manganese	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	LHQ	NHQ < 1	NHQ < 1
Nickel	PRA	PRA	PRA	PRA	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG	LHQ; BKG
Selenium	PRA	LHQ; BKG	PRA	PRA	LHQ; BKG	LHQ; BKG	NHQ < 1	NHQ < 1	LHQ; BKG
MCPP	NHQ < 1	NHQ < 1	PRA	PRA	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Aroclor 1260	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Total PCBs	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
DDD	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
DDT (and Total DDT)	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	LHQ	NHQ < 1
Endosulfan I	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ
Endosulfan II	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	NHQ < 1	NHQ < 1
Endosulfan sulfate	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	LHQ	NHQ < 1	LHQ	NHQ < 1	NHQ < 1
1,1-Dichloroethane	NHQ < 1	NHQ < 1	NHQ < 1	PRA	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Acetone	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1	PRA	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1
Carbon disulfide	NHQ < 1	LHQ	LHQ	LHQ	LHQ	NHQ < 1	NHQ < 1	NHQ < 1	NHQ < 1

Notes:

NHQ < 1 = NOAEL/Low TRV-based HQ < 1; risk is considered de minimis

LHQ = NOAEL/Low TRV-based HQ > 1, but LOAEL/High TRV-based HQ < 1; risk is considered not unacceptable

BKG = HQ > 1, but Study Area risks were equal to or less than background risks; CPEC is not considered a risk driver

PRA = LOAEL/High TRV-based HQ > 1 and > background, but Study Area is considered to have a presumptive remedy;

CPEC is not considered a risk driver

Highlighted Study Areas are considered to have presumptive remedies.

¹ Only CPECs with HQs > 1 are presented in this table.

² Offsite drainages are not connected to the site and risks are not site-related.

Study Areas:

ASP = A-Series Pond

P13 = Pond 13

P18 = Pond 18

PA5 = Pond A-5

RCF = RCF Pond

NDR = North Drainage

ADR = A Drainage

UCD = Upper C Drainage

LCD = Lower C Drainage